

AMENDMENTS TO THE CLAIMS:

Claims 1-12. (canceled)

13. (new): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes based on the timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal; and

a control unit using the received signal having been stored in the storage unit for performing the first and second correlation determinations.

14. (new): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and spreading codes that are the same for a plurality of base stations by shifting the relative timing between the received signal and the spreading codes, and performing a second correlation determination between the received signal and N different spreading codes based on the timing obtained by the first correlation determination for determining which of the N ($N \geq 2$) spreading codes is attributable to the base station that has transmitted the received signal of which the timing has been determined by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal; and

a control unit using the received signal having been stored in the storage unit for performing the first and second correlation determinations.

15.(new): A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes based on the timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal; and

a control unit using the received signal having been stored in the storage unit at least for performing the second correlation determination.

16.(new): The mobile station according to claim 15, in which the first correlation determination is performed using the received signal that has not been stored in the storage unit.

17.(new): A correlation determination method for a DS-CDMA mobile station performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting the relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes based on the timing obtained by the first correlation determination, said correlation determination method comprising:

storing the received signal; and

using the stored received signal for performing the first and second correlation determinations.